

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	42	("0132003" "0156947" "2674194" "3827143" "3969092" "4341534" "4696684" "5404061" "5766517" "6046521" "6079206" "6100616" "6140725" "6179392" "6201327" "6268672" "6379127" "6402810").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/09 09:58
S3	1293	((166/369) or (166/378) or (166/381)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 18:12
S62	2253	(polymer with (bearing bushing)) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/03 10:44
S63	90838	"166"/\$.ccls. "175"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/03 10:45
S64	18	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/03 10:45
S65	1888	((417/414) or (417/423.3) or (417/423.7) or (417/423.12) or (417/424.2)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/09 15:21
S66	0	S65 and (bubble adj sump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/09 10:14
S67	20	bubble adj sump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/09 10:15
S68	1888	((417/414) or (417/423.3) or (417/423.7) or (417/423.12) or (417/424.2)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/09 15:21

EAST Search History

S69	390	S68 and (submersible submergible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/10 10:42
S70	2	("2939400").URPN.	USPAT	OR	ON	2007/07/09 18:20
S71	9	("2783400").URPN.	USPAT	OR	ON	2007/07/09 18:21
S72	7310	(submersible submergible) near pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/10 11:08
S73	168678	fill\$3 with (oil lubricant lubricating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/10 11:09
S74	539	S72 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/10 11:10
S75	440	S74 not (vinegar sandberg).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/10 11:10
S76	5	("3952218" "5100343" "5490789" "5801465" "6439899").PN. OR ("6899532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:29
S77	21	("3172572" "3294993" "3457866" "3555319" "3604964" "3723942" "3736548" "3795883" "3842298").PN. OR ("3952218"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:30
S78	27	("2906986" "2958842" "3643208" "3816641" "3945708" "4043630" "4679875" "4795360" "5112252" "5120268" "5151033" "5174769" "5371819" "5490789" "5542856" "5641307" "5681172" "5785544" "5885108" "5890929" "6164997" "6254402").PN. OR ("6439899").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:33

EAST Search History

S79	30	("2843153" "2866957" "3449182" "3497864" "3643208" "3693133" "4461529" "4589939" "4820170" "4861288" "5100341" "5120268" "5387119" "5470248" "5542856").PN. OR ("5885108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:34
S80	33	("2283117" "2944297" "3043903" "3248582" "3293463" "3308316" "3457866" "3716309" "3830955" "4029382" "4053196" "4128735" "4312553" "4500151" "4583804" "4626721").PN. OR ("4679875"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:37
S81	38	("2142176" "2605315" "2700140" "2742622" "2933712" "3092431" "3266009" "3384860" "3406371" "3501737" "3550065").PN. OR ("4053196"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:39

EAST Search History

S82	86	<p>(US-20060081377-\$ or US-20050109515-\$ or US-20050087343-\$ or US-20040159442-\$ or US-20040251019-\$ or US-20020139526-\$ or US-20060196655-\$ or US-20060037743-\$ or US-20030196952-\$ or US-20040144534-\$ or US-20030156947-\$ or US-20030132003-\$ or US-20070074872-\$ or US-20070051510-\$ or US-20070046115-\$ or US-20050269885-\$ or US-20040146415-\$ or US-20060245957-\$ or US-20060222529-\$ or US-20060177320-\$ or US-20070140876-\$).did. or (US-4992689-\$ or US-4575315-\$ or US-4487299-\$ or US-6840324-\$ or US-7066248-\$ or US-6926504-\$ or US-6863124-\$ or US-6705402-\$ or US-6595295-\$ or US-6571879-\$ or US-6457531-\$ or US-6364013-\$ or US-5988284-\$ or US-4537257-\$ or US-6379127-\$ or US-6268672-\$ or US-6201327-\$ or US-6140725-\$ or US-6046521-\$ or US-5404061-\$ or US-2674194-\$ or US-6100616-\$ or US-6981853-\$ or US-6668925-\$ or US-6179585-\$ or US-6126416-\$). did. or (US-6092598-\$ or US-5367214-\$ or US-4940911-\$ or US-4913630-\$ or US-6398583-\$ or US-6300699-\$ or US-6307290-\$ or US-5992517-\$ or US-6761544-\$ or US-6561775-\$ or US-6602059-\$ or US-6468058-\$ or US-6022196-\$ or US-5828149-\$ or US-4436488-\$ or US-4293288-\$ or US-3041977-\$ or US-2939400-\$ or US-2783400-\$ or US-2725824-\$ or US-2569741-\$ or US-2236887-\$ or US-6899532-\$ or US-4679875-\$ or US-6439899-\$ or US-6409485-\$ or US-5700161-\$). did. or (US-5567170-\$ or US-4626721-\$ or US-4128735-\$ or US-4053196-\$).did. or (US-3242360-\$ or US-3041977-\$ or US-2725824-\$ or US-2569741-\$ or US-2032000-\$).did. or (GB-2110477-\$).did. or (GB-2336474-\$ or RU-2162981-\$).</p>	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/10 17:15
7/16/2007 7:15:23 PM						Page 4

EAST Search History

S83	2	S82 and ((bearing bushing) with polymer)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/10 17:16
S84	24	("1778787" "2236887" "2455022" "3404924" "3502919" "3571636" "4421999" "4537257" "4667737" "4992689" "5367214" "6033567" "6092600" "6167965" "6201327" "6206093" "6268672" "6307290" "6325143").PN. OR ("7066248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 17:39

EAST Search History

S85	86	(US-20060081377-\$ or US-20050109515-\$ or US-20050087343-\$ or US-20040159442-\$ or US-20040251019-\$ or US-20020139526-\$ or US-20060196655-\$ or US-20060037743-\$ or US-20030196952-\$ or US-20040144534-\$ or US-20030156947-\$ or US-20030132003-\$ or US-20070074872-\$ or US-20070051510-\$ or US-20070046115-\$ or US-20050269885-\$ or US-20040146415-\$ or US-20060245957-\$ or US-20060222529-\$ or US-20060177320-\$ or US-20070140876-\$).did. or (US-4992689-\$ or US-4575315-\$ or US-4487299-\$ or US-6840324-\$ or US-7066248-\$ or US-6926504-\$ or US-6863124-\$ or US-6705402-\$ or US-6595295-\$ or US-6571879-\$ or US-6457531-\$ or US-6364013-\$ or US-5988284-\$ or US-4537257-\$ or US-6379127-\$ or US-6268672-\$ or US-6201327-\$ or US-6140725-\$ or US-6046521-\$ or US-5404061-\$ or US-2674194-\$ or US-6100616-\$ or US-6981853-\$ or US-6668925-\$ or US-6179585-\$ or US-6126416-\$). did. or (US-6092598-\$ or US-5367214-\$ or US-4940911-\$ or US-4913630-\$ or US-6398583-\$ or US-6300699-\$ or US-6307290-\$ or US-5992517-\$ or US-6761544-\$ or US-6561775-\$ or US-6602059-\$ or US-6468058-\$ or US-6022196-\$ or US-5828149-\$ or US-4436488-\$ or US-4293288-\$ or US-3041977-\$ or US-2939400-\$ or US-2783400-\$ or US-2725824-\$ or US-2569741-\$ or US-2236887-\$ or US-6899532-\$ or US-4679875-\$ or US-6439899-\$ or US-6409485-\$ or US-5700161-\$). did. or (US-5567170-\$ or US-4626721-\$ or US-4128735-\$ or US-4053196-\$).did. or (US-3242360-\$ or US-3041977-\$ or US-2725824-\$ or US-2569741-\$ or US-2032000-\$).did. or (GB-2110477-\$).did. or (GB-2336474-\$ or RU-2162981-\$).	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/11 11:43
7/16/2007 7:15:23 PM C:\Documents and Settings\fuller1\My Documents\EAST\Workspaces\10_711,631 - Combined Motor and Protector.wsp					Page 6	

EAST Search History

S86	13	S85 and sand	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/11 13:25
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EAST Search History

S87	86	(US-20060081377-\$ or US-20050109515-\$ or US-20050087343-\$ or US-20040159442-\$ or US-20040251019-\$ or US-20020139526-\$ or US-20060196655-\$ or US-20060037743-\$ or US-20030196952-\$ or US-20040144534-\$ or US-20030156947-\$ or US-20030132003-\$ or US-20070074872-\$ or US-20070051510-\$ or US-20070046115-\$ or US-20050269885-\$ or US-20040146415-\$ or US-20060245957-\$ or US-20060222529-\$ or US-20060177320-\$ or US-20070140876-\$).did. or (US-4992689-\$ or US-4575315-\$ or US-4487299-\$ or US-6840324-\$ or US-7066248-\$ or US-6926504-\$ or US-6863124-\$ or US-6705402-\$ or US-6595295-\$ or US-6571879-\$ or US-6457531-\$ or US-6364013-\$ or US-5988284-\$ or US-4537257-\$ or US-6379127-\$ or US-6268672-\$ or US-6201327-\$ or US-6140725-\$ or US-6046521-\$ or US-5404061-\$ or US-2674194-\$ or US-6100616-\$ or US-6981853-\$ or US-6668925-\$ or US-6179585-\$ or US-6126416-\$). did. or (US-6092598-\$ or US-5367214-\$ or US-4940911-\$ or US-4913630-\$ or US-6398583-\$ or US-6300699-\$ or US-6307290-\$ or US-5992517-\$ or US-6761544-\$ or US-6561775-\$ or US-6602059-\$ or US-6468058-\$ or US-6022196-\$ or US-5828149-\$ or US-4436488-\$ or US-4293288-\$ or US-3041977-\$ or US-2939400-\$ or US-2783400-\$ or US-2725824-\$ or US-2569741-\$ or US-2236887-\$ or US-6899532-\$ or US-4679875-\$ or US-6439899-\$ or US-6409485-\$ or US-5700161-\$). did. or (US-5567170-\$ or US-4626721-\$ or US-4128735-\$ or US-4053196-\$).did. or (US-3242360-\$ or US-3041977-\$ or US-2725824-\$ or US-2569741-\$ or US-2032000-\$).did. or (GB-2110477-\$).did. or (GB-2336474-\$ or RU-2162981-\$).	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/11 16:28
7/16/2007 7:15:23 PM						Page 8

EAST Search History

S88	1	S87 and (wear adj sleeve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/11 13:26
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EAST Search History

S89	86	(US-20060081377-\$ or US-20050109515-\$ or US-20050087343-\$ or US-20040159442-\$ or US-20040251019-\$ or US-20020139526-\$ or US-20060196655-\$ or US-20060037743-\$ or US-20030196952-\$ or US-20040144534-\$ or US-20030156947-\$ or US-20030132003-\$ or US-20070074872-\$ or US-20070051510-\$ or US-20070046115-\$ or US-20050269885-\$ or US-20040146415-\$ or US-20060245957-\$ or US-20060222529-\$ or US-20060177320-\$ or US-20070140876-\$).did. or (US-4992689-\$ or US-4575315-\$ or US-4487299-\$ or US-6840324-\$ or US-7066248-\$ or US-6926504-\$ or US-6863124-\$ or US-6705402-\$ or US-6595295-\$ or US-6571879-\$ or US-6457531-\$ or US-6364013-\$ or US-5988284-\$ or US-4537257-\$ or US-6379127-\$ or US-6268672-\$ or US-6201327-\$ or US-6140725-\$ or US-6046521-\$ or US-5404061-\$ or US-2674194-\$ or US-6100616-\$ or US-6981853-\$ or US-6668925-\$ or US-6179585-\$ or US-6126416-\$). did. or (US-6092598-\$ or US-5367214-\$ or US-4940911-\$ or US-4913630-\$ or US-6398583-\$ or US-6300699-\$ or US-6307290-\$ or US-5992517-\$ or US-6761544-\$ or US-6561775-\$ or US-6602059-\$ or US-6468058-\$ or US-6022196-\$ or US-5828149-\$ or US-4436488-\$ or US-4293288-\$ or US-3041977-\$ or US-2939400-\$ or US-2783400-\$ or US-2725824-\$ or US-2569741-\$ or US-2236887-\$ or US-6899532-\$ or US-4679875-\$ or US-6439899-\$ or US-6409485-\$ or US-5700161-\$). did. or (US-5567170-\$ or US-4626721-\$ or US-4128735-\$ or US-4053196-\$).did. or (US-3242360-\$ or US-3041977-\$ or US-2725824-\$ or US-2569741-\$ or US-2032000-\$).did. or (GB-2110477-\$).did. or (GB-2336474-\$ or RU-2162981-\$).	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/11 16:29
7/16/2007 7:15:23 PM C:\Documents and Settings\rfuller1\My Documents\EAST\Workspaces\10_711,631 - Combined Motor and Protector.wsp						Page 10

EAST Search History

S90	42	S89 and (gas gases)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/11 16:29
S91	49	S89 and (gas gases bubble air)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/07/11 16:55
S92	2	("20050109515").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/11 16:55
S93	168164	"166"/\$.ccls. "417"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:12
S94	4775	motor and (protect\$3 seal\$3) and lubricat\$3 and (expand\$3 expansion) and contract\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:13
S95	582	S93 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:13
S96	507	S95 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:14
S97	97	S96 and (submersible submergeble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:14
S99	115	S96 and ((air gas bubble) same volume same (chamber bag sump))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:52
S100	14	("20030116323" "20050074330" "20 050074331" "20050109515" "20050 199384" "5628616" "6599091").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:54

EAST Search History

S10 1	35748	motor same (bearing with sleeve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:54
S10 3	116	(submersible submersible) and (motor same (bearing with ((wear adj sleeve) bushing)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:55
S10 4	279	((384/92) or (384/37)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/13 09:57
S10 5	320	((384/280) or (384/281)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/13 10:15
S10 6	9	S105 and pump and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 10:44
S10 7	6	S104 and pump and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 10:51
S10 8	279	((384/92) or (384/37)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/13 17:09
S10 9	320	((384/280) or (384/281)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/15 17:12
S11 0	39	(S108 S109) and (press adj (fit fitted))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 17:09
S11 1	0	S110 and (tolerance adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 17:19

EAST Search History

S11 2	0	(S108 S109) and (tolerance adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 17:19
S11 3	200	(motor and (shaft rotor)) and (tolerance adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 17:20
S11 4	2	S113 and (submersible submergible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 17:27
S11 5	2	("6424066").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/13 17:22
S11 6	2	("4376254").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/13 17:28
S11 7	185	shaft same (bearing and (tolerance adj ring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/13 17:28
S11 8	320	((384/280) or (384/281)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/15 17:12
S11 9	0	S118 and (tolerance adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/15 17:42
S12 0	1	(tolerance adj ring) and ((submersible submergible) with (pump motor ESP))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/15 17:43
S12 1	1	(tolerance adj (ring sleeve bushing)) and ((submersible submergible) with (pump motor ESP))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/15 17:59

EAST Search History

S12 2	319	(384/907).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/15 18:32
S12 3	23	S122 and self?lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/15 18:21
S12 4	115	S122 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/15 18:32
S12 5	1	S122 and (shaft rotor) and ((submersible submergible) with (motor pump))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/15 18:33